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ZXF-5Q

Particle Size		Tensile Strength (1)	
microns	1	N/mm ²	79
μ-inches	40	psi	11,500
Pore Size		Modulus of Elasticity	
microns	0.3	N/mm ²	14,500
μ-inches	12	psi x 10 ⁶	2.1
Total Porosity		Tensile Strain	
% volume	20	to Failure %	0.78
Open Porosity		Hardness	
% of total	80	SSH	86
Apparent Density		Electrical Resistivity	
g/cc	1.78	μ-ohm-cm	1,950
lb/in ³	0.0641	μ-ohm-in	770
Compressive Strength		Coefficient of Thermal Expansion	
N/mm ²	175	microns/m °C	8.1
psi	25,500	μ-in/in °F	4.5
Flexural Strength		Thermal Conductivity	
N/mm ²	112	watts/m K	70
psi	16,200	BTU-ft/hr-ft ² -°F	40

(1) Estimated at 70% of flexural strength.

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